

SASE Architecture

Today's applications and data are hosted in hundreds of private and public locations around the world, with sensitive information constantly moving from branch offices, home offices and thousands of remote users to and from private data centers and the cloud. As users on different devices access these applications from thousands, sometimes millions, of disparate locations, organizations are requiring differing levels of security for each access request.

Our Secure Access Service Edge (SASE) solutions, powered by Versa, help achieve the increased visibility, enhanced security and simplified management that organizations need to reimagine their existing architectures and deliver consistent policies over who has access to what, and where access is taking place. When you work with us, you can get physical fiber, personal support and secure software-based networking—all from one provider.

Putting piecemeal network and security solutions together can make it difficult to support and secure cloud-based applications, including:

- › Direct internet access
- › Unmanaged devices
- › Mobile users connecting from anywhere in the world
- › Bandwidth-intensive video applications

Key Benefits

Greater performance visibility

Receive end-to-end visibility into users, devices and applications across your entire network—whether on-premises or in the cloud.

Enhanced network security

SASE enables businesses to protect their users, sites, data centers and cloud services with a robust set of policies that are centrally managed and monitored. Our single pane of glass orchestration means that security information is available in one central location, enabling faster troubleshooting.

Optimized performance and reliability

With our carrier-grade routing capabilities, traffic is automatically routed over the ideal transport path based on dynamic traffic steering. With 7+ years of expertise in designing, implementing and supporting Versa SASE solutions, our subject matter experts know how to optimize performance across all sites.

Simplified network management

SASE removes the burden of procuring, installing, configuring and managing client devices at each location. Our dedicated experts work closely with your team, providing a best-in-class turn up process and around the clock service for your trouble tickets, helping your organization operate at maximum efficiency.

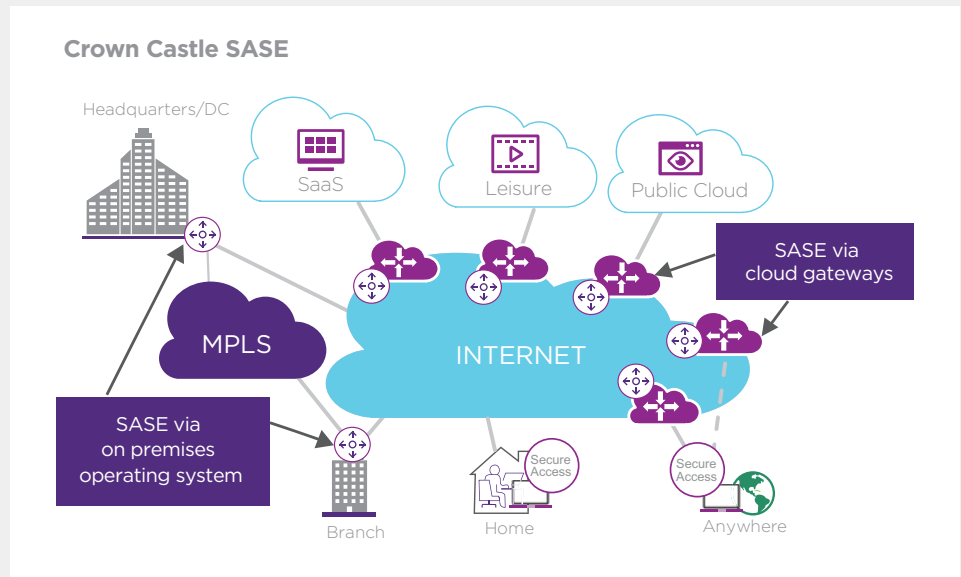
Lower capital and operational expenses

Network and security requirements are met with a single software stack, allowing IT teams to focus on strategic value-adding work and avoid the inefficiency of investing in disparate products.

Additional solution details

SASE services are available via cloud environments, on-premise or as a hybrid combination of both to include:

- > **Software-defined wide area network (SD-WAN):** A software-defined architecture that increases network performance and agility.
- > **Zero trust network access (ZTNA):** Secure and private connectivity to your applications with a least privileged model to access.
- > **Secure web gateway (SWG):** Gateway protection against internet threats, preventing unsecured traffic from compromising your internal networks and users.
- > **Cloud access security broker (CASB):** Policy enforcement that secures data between users and cloud applications, complying with your internal and regulatory requirements.
- > **Data Loss Protection (DLP):** Mitigates threats to critical data, providing information loss prevention and extrusion prevention.



Why Crown Castle?

Our unique, nationwide portfolio

With approximately 90,000 route miles of fiber, we own and operate one of the largest and densest fiber networks in the country with a presence in 23 of the top 25 US markets.

Our proven track record

In our 30 years of experience owning and operating network assets we've seen it all and we're always ready to adapt to changing network trends.

Our deep expertise

We've worked with nearly every industry so we understand your unique opportunities and challenges and can tailor solutions to meet your goals.

Our solutions

We have your networking and security needs covered. Visit our [infrastructure solutions](#) page to learn more about our suite of solutions and how they can solve your toughest challenges.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.